

Attorney's Docket No.: 15670-009001
Client's Ref. No.: SD 2001-051

OFFICIAL COMMUNICATION

FACSIMILE

FOR THE PERSONAL ATTENTION OF:

EXAMINER AKM E. ULLAH

U.S. PATENT AND TRADEMARK OFFICE (PATENT)

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Number of pages including this page 15

Applicant : Mark Wang et al.
Serial No. : 09/998,012
Filed : November 28, 2001

Art Unit : 2874
Examiner : Akm Ullah

FACSIMILE COMMUNICATION

Title : Optical Switching and Sorting of Biological Samples and Microparticles
Transported in a Micro-fluid Device, Including Integrated Bio-chip Devices

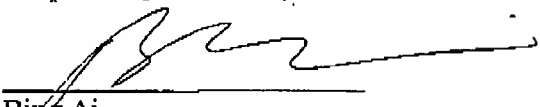
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached to this facsimile communication cover sheet is a Request for Initialed PTO
Form 1449, faxed this 6th day of January 2004, to the United States Patent and Trademark
Office.

Respectfully submitted,

Date: January 5, 2004


Bing Ai
Reg. No. 43,312

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Attorney's Docket No.: 15670-009001 / SD 2001-051

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Mark Wang et al. Art Unit : 2874
Serial No.: 09/998,012 Examiner : Akm E. Ullah
Filed : November 28, 2001
Title : OPTICAL SWITCHING AND SORTING OF BIOLOGICAL SAMPLES
AND MICROPARTICLES TRANSPORTED IN A MICRO-FLUID
DEVICE, INCLUDING INTEGRATED BIO-CHIP DEVICES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR INITIALED PTO FORM 1449

Upon reviewing the file, applicants noted that they have not received an initialed copy of the enclosed PTO Forms 1449 that accompanied information disclosure statements filed June 4, 2003, June 18, 2003 and September 16, 2003.

Applicants' records show that these information disclosure statements complied with 37 CFR 1.97. Thus, we respectfully request that the examiner initial and return the attached forms as soon as possible. Note, applicants must pay the issue fee by

CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

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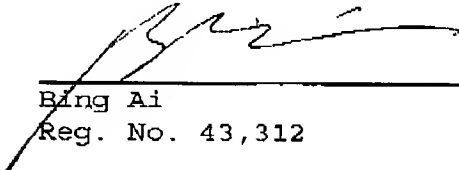
Name of Person Signing Certificate

Attorney's Docket No.: 15670-009001 / SD
2001-051

March 15, 2004, so the examiner's prompt attention to this matter would be appreciated.

Respectfully submitted,

Date: January 6, 2004


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Sheet 1 of 1

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 15670-009001	Application No. 09/998,012
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Mark Wang et al.	
		Filing Date November 28, 2001	Group Art Unit 2874

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6,221,654	4/24/2001	QUAKE ET AL.			
	AB	2002/0005354	1/17/2002	SPENCE ET AL.			
	AC	6,344,325	2/5/2002	QUAKE ET AL.			
	AD	2002/0058332	5/16/2002	QUAKE ET AL.			
	AE						
	AF						
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	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL	WO 99/61888	2/12/1999	WIPO				
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
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	AR	
	AS	
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Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	10
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Application Number	09/998,012
Filing Date	November 28, 2001
First Named Inventor	Mark Wang et al.
Group Art Unit	2874
Examiner Name	AKM ULLAH
Attorney Docket Number	15670-009001

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant or Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Number	Kind Code ² (if known)			
	US-3558077		Pressman	01/26/71	
	US-3628182		Ashkin et al	12/14/71	
	US-3638139		Ashkin et al	01/25/72	
	US-3682183		Ashkin et al	05/09/72	
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	US-3778612		Ashkin	12/11/73	
	US-3793541		Ashkin et al	02/19/74	
	US-3808432		Ashkin	04/30/74	
	US-3808550		Ashkin	04/30/74	
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	US-4247815		Larson et al	01/27/81	
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	US-4327288		Ashkin et al	04/27/82	
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	US-4390403		Batchelder	06/28/83	
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	US-5029791		Ceccon et al	07/09/91	
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STATEMENT BY APPLICANT**

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Sheet 2 of 10

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First Named Inventor	Mark Wang et al.
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Attorney Docket Number	15670-009001

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	Number	Kind Code* (if known)			
	US-5337324		Ohitsu et al	08/09/94	
	US-5338930		Chu et al	08/16/94	
	US-5343038		Nishiwaki et al	08/30/94	
	US-5355252		Haraguchi	10/11/94	
	US-5360764		Celotta et al	11/01/94	
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	US-5993632		Becker et al	11/30/99	
	US-6015714		Baldaroli et al	01/18/00	

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Sheet 3 of 10

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Application Number	09/999,012
Filing Date	November 28, 2001
First Named Inventor	Mark Wang et al.
Group Art Unit	2874
Examiner Name	AKM ULLAH
Attorney Docket Number	15870-009001

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	Number	Kind Code ² (if known)			
	US-6033546		Ramsey	03/07/00	
	US-6055106		Grier et al	04/25/00	
	US-6067859		Kas et al	05/30/00	
	US-6071394		Cheng et al	06/06/00	
	US-6078681		Silver	06/20/00	
	US-6082205		Zborowski et al	07/04/00	
	US-6083097		Uhl	07/11/00	
	US-6083376		O'Brien et al	07/11/00	
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	US-6224732	B1	Imasaka et al	05/01/01	
	US-6242209	B1	Ransom et al	06/05/01	
	US-6260960	B1	Carr	06/25/01	
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	US-6287755	B1	Okun et al	09/11/01	
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	Office ³	Number ⁴	Kind Code ⁵ (if known)				
	WO	94/08221	A1	Warburton	04/14/94		
	WO	97/21832	A1	Eigen et al	06/19/97		
	WO	99/39190	A1	Hefti	08/05/99		
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	WO	00/45160	A1	Hefti	08/03/00		
	WO	00/45170	A2	Hefti	08/03/00		
	WO	00/45179	A2	Zuker et al	08/03/00		

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Sheet 4 of 10

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Application Number	09/998,012
Filing Date	November 28, 2001
First Named Inventor	Mark Wang et al.
Group Art Unit	2874
Examiner Name	AKM ULLAH
Attorney Docket Number	15670-009001

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	Office ²	Number ⁴	Kind Code ⁵ (if known)				
	WO	00/54882	A1	Zhu et al	09/21/00		
	WO	01/05514	A1	Lock et al	01/25/01		
	WO	01/09606	A1	Hefli	02/08/01		
	WO	01/11333	A2	Ransom et al	02/15/01		
	WO	01/14870	A1	Becker et al	03/01/01		
	WO	01/20329	A2	Hefli	03/22/01		
	WO	01/32930	A1	Quake et al	05/10/01		
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	WO	01/40769	A2	Garbow	06/07/01		
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	EP	0886493	B1	Pethlg et al	01/19/00		
	JP	03101419	A	Kudome et al	04/26/91		abst
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	JP	06123888	A	Higure et al	05/06/94		abst
	JP	06132000	A	Haraguchi et al	05/13/94		abst
	JP	08234110	A	Otaki et al	09/13/96		abst
	JP	09043434	A	Yasuda et al	02/14/97		abst
	JP	10048102	A	Ikedo et al	02/20/98		abst
	JP	10062332	A	Kano et al	03/06/98		abst
	JP	11218691	A	Yasuda et al	08/10/99		abst

Examiner Initials*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume--issue number(s), publisher, city and/or country where published.	T ²
	ACKERSON et al, "Radiation Pressure As A Technique For Manipulating The Particle Order In Colloidal Suspensions", Faraday Discuss. Chem. Soc., 83, 1987, 309-316.	
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

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of

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Complete if Known

Application Number 09/998,012

Filing Date November 28, 2001

First Named Inventor Mark Wang et al.

Group Art Unit 2874

Examiner Name AKM ULLAH

Attorney Docket Number 15670-009001

Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	ASHKIN, "Forces Of A Single Beam Gradient Laser Trap On A Dielectric Sphere In The Ray Optics Regime", Biophys.J., 61, February 1992, 569-582.	
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5674743	10/7/1997	Ulmer			
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